

## Exponents

- Exponents show \_\_\_\_\_.
- Exponents represent \_\_\_\_\_.

$$\begin{array}{c} \text{(\hspace{1cm})} \\ 5^3 \\ \text{(\hspace{1cm})} \end{array} = 5 \times 5 \times 5 = 125$$

Exponential Form	Word Form
Expanded (Factor) Form	Standard Form

★ Any number raised to the 1st power is \_\_\_\_\_.

★ Any number raised to the zero power is always \_\_\_\_\_.

Name \_\_\_\_\_ Date \_\_\_\_\_

# EXPONENTS

**Directions:** Complete the table below. Use a calculator if necessary.

Number	Base	Exponent	Expanded Notation	Standard Notation
$2^3$	2		$2 \times 2 \times 2$	8
$3^2$		2		9
$5^4$			$5 \times 5 \times 5 \times 5$	
	6	2		
	8		$8 \times 8 \times 8$	
			$9 \times 9 \times 9 \times 9 \times 9 \times 9$	
$10^3$				
	7			49
	2			16
		3		27